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FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 11669.0150USW1

Applicant: CHAN et al.

Filing Date: concurrent

herewith

Group Art Unit:

		U.	S. PATENT DOCUMEN	ITS				
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
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		FOR	EIGN PATENT DOCUM	IENTS				
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION	
						YES	NO	
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	<u>,</u>							
	OTHER	DOCUMENTS	(Including Author, Title,	Date, Pertinent I	Pages, Etc.)			
/qjl/		SERFINI et al. Characterization of CD20-transduced T lymphocytes as an alternative suicide gene therapy approach for the treatment of graft-versus-host disease. Human Gene Therapy. January 2004, Vol. 15, pages 63-76.						
/qjl/	KAWANA with chron	KAWANAKA et al. Expression of Fc gamma receptor III (CD16 on monocytes during hemodialysis in patients with chronic renal failure. Nephron. January 2002, Vol. 90, No. 1, pages 64-71.						

23552 PATENT TRADEMARK OFFICE

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DATE CONSIDERED

FORM 1449* SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	Docket Number: Application Number: 11669.150USW1 10/537,963		
IN AN APPLICATION	Applicant: CHAN et al.		
(Use several sheets if necessary)	Filing Date: June 7, 2005	Group Art Unit: Unknown	

		Ĺ	J.S. PATENT DOCUME	NTS					
EXAMINER INITIAL	DOCUMENT N	O. DATE	NAME	CLASS	SUBCLASS		G DATE OPRIATE		
/qjl/	5,859,312	01/12/1999	Littman et al.						
/qjl/	2002/0064823 A1	5/2002	Welcher et al.						
	1	FOR	EIGN PATENT DOCUM	1ENTS					
	DOCUMENT N	O. DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION		
						YES	NO		
/qjl/	95/15376 A	6/1995	PCT						
/qjl/	95/28959 A	11/1995	PCT						
/qjl/	99/00010	1/1999	PCT						
	OT	HER DOCUMENT	S (Including Author, Title,	Date, Pertinent I	Pages, Etc.)		•		
/qjI/	Heijr respo	Heijnen, I. et al. "Antigen targeting to myeloid-specific human Fc-gamma-RI-CD64 triggers enhanced antibody responses in transgenic mice cd," JOURNAL OF CLINICAL INVESTIGATION, 97(2):331-338, January 1996							
		Guyre, P. et al. "Increased potency Fc-receptor-targeted antigens," CANCER IMMUNOLOGY IMMUNOTHERAPY, 45(3-4):146-148, 1997							
	Epsil	Flamad, V. "Delayed maturation of CD4-CD8-Fc-Gamma-RII-III+ T and natural killer cell precursors in Fc-Epsilon-RI-Gamma transgenic mice," JOURNAL OF EXPERIMENTAL MEDICINE, 184(5):1725-1734, November 1996							
			e FcRbeta subunit function OF ALLERGY AND CLII						
	Сору	of European Search	Report mailed April 3, 20	06					
	Сору	of International Sea	rch Report mailed August	5, 2004					
Ψ.	Copy	Copy of International Search Report mailed February 23, 1999							

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PATENT TRADEMARK OFFICE

EXAMINER	/Q. Janice Li/ (08/28/2007)	DATE CONSIDERED
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Date Mailed: August 7, 2006	•		Sheet 1 of 2

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INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 11669.150USW1 Application Number: 10/537,963

Applicant: CHAN ET AL.

Filing Date: March 9, 2006

Group Art Unit: 3643

			U	S. PATENT DOCUMEN	NTS					
	MINER ITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATI			
				.′						
	-		FOR	EIGN PATENT DOCUM	1ENTS					
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION		
							YES	NO		
	/qjl/	1 452 093	09/01/1994	EP						
	/qjl/	WO 02/062946 A2	08/15/2002	PCT						
		OTHER	DOCUMENTS	(Including Author, Title,	Date, Pertinent F	ages, Etc.)				
qjl/		Arzoo et al., "Treatmen (rituximab)", Ann. Rhe	t of refractory ar <u>um. Dis.</u> , 61:922	ntibody mediated autoimmi -924 (2002)	une disorders wit	h an anti-CD20 mu	onoclonal ant	ibody		
		Butler, "The Amplified Antibodies and the Dist (1981)	ELISA: Principle ribution of Antib	les of and Applications for podies and Antigens in Bio	the Comparative chemical Separa	Quantitation of Cl tes", <u>Methods in Er</u>	ass and Subonzymology.	class 73:482-523		
		Capecchi, "Altering the	Genome by Hor	nologous Recombination"	, <u>Science</u> , 244:12	288-1292 (1989)				
		Capecchi, "The New Mouse Genetics: Altering the Genome by Gene Targeting", TIG, 5(3):70-76 (1989)								
		Davis et al., "Single-Agent Monoclonal Antibody Efficacy in Bulky Non-Hodgkin's Lymphoma: Results of a Phase II Trial of Rituximab", Journal of Clinical Oncology, 17(6):1851-1857 (1999)								
		Fleit et al., "A Soluble Form of FcyRIII is Present in Human Serum and Other Body Fluids and is Elevated at Sites of Inflammation", <u>Blood</u> , 79(10):2721-2728 (1992)								
		Foran et al., "European Phase II Study of Rituximab (Chimeric Anti-CD20 Monoclonal Antibody) for Patients with Newly Diagnosed Mantle-Cell Lymphoma and Previously Treated Mantle-Cell Lymphoma, Immunocytoma, and Small B-Cell Lymphocytic Lymphoma", Journal of Clinical Oncology, 18(2):317-324 (2000)								
		Gong et al., "Importance of cellular microenvironment and circulatory dynamics in B cell immunotherapy", Journal of Immunology, 174(2):817-826 (2005)								
		Gopal et al., "Clinical a	oplications of an	ti-CD20 antibodies", <u>J. La</u>	b. Clin. Med., 13	4:445-450 (1999)				
		Kim et al., "Constructio (1996)	n and Characteri	zation of a Human Bacteri	al Artificial Chro	omosome Library",	Genomics,	34:213-218		
		Mansour et al., "Disrupt mutations to non-selecta	ion of the proto- ble genes", Nati	oncogene int-2 in mouse e ure, 336:348-352 (1988)	mbryo-derived s	tem cells: a general	strategy for	targeting		
		Mathiot et al., "Correlat Myeloma", <u>Journal of C</u>	ion Between Sol linical Immunol	uble Serum CD16 (sCD16 ogy, 13(1):41-48 (1993)) Levels and Dis	ease Stage in Patie	nts with Mul	tiple		
V		Polyak et al., "Alanine- specificity of CD20 mor	70 and Proline-	172 are critical determinan	ts for extracellul	ar CD20 epitopes;	heterogeneit	y in the fin		

EXAMINER	ː/Q. Janice I	Li/ (08	8/28/2007)	1
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DATE CONSIDERED

Date Mailed: August 7, 2006	Sheet 2 of 2			
FORM 1449* INFORMATION DISCLOSURE STATEMENT	Docket Number 11669.150USW1	Application Number		
IN AN APPLICATION	Applicant: CHAN ET AL.			
(Use several sheets if necessary)	Filing Date: March 9, 2006	Group Art Unit. 3643		

/qjl/	quaternary structure", <u>Blood</u> , 99(9):3256-3262 (2002)
1	Protheroe et al., "Remission of inflammatory arthropathy in association with anti-CD20 therapy for non-Hodgkin's lymphoma", Rheumatology, 38:1150-1152 (1999)
	Shizuya et al., "Cloning and stable maintenance of 300-kilobase-pair fragments of human DNA in Escherichia coli using an Factor-based vector", Proc. Natl. Acad. Sci. USA, 89:8794-8797 (1992)
	Solal-Celigny et al., "Rituximab as First-Line Treatment of Patients with Follicular Lymphoma (FL) and a Low-Burden Tumor: Clinical and Molecular Evaluation", <u>Blood</u> , 94(10):631a, Abstract #2802 (1999)
	Swiatek et al., "Perinatal lethality and defects in hindbrain development in mice homozygous for a targeted mutation of the zinc finger gene <i>Krox20</i> ", Genes & Development, 7:2071-2084 (1993)
	Trape, "Rituximab chimeric anti-CD20 monoclonal antibody treatment for refractory hemolytic anemia in patients with lymphoproliferative disorders", <u>Haematologica</u> , 88:223-225 (2003)
	Van de Winkel et al., "Human IgG Fc receptor heterogeneity: molecular aspects and clinical implications", Immunology Today, 14(5):215-221 (1993)
	Weiner, "Monoclonal Antibody Therapy of Cancer", Seminars in Oncology, 26(5)(Suppl. 14):43-51 (1999)
	White et al., "Anti-CD20 monoclonal antibodies as novel treatments for non-Hodgkin's lymphoma", <u>Pharm. Sci. Technol.</u> <u>Today</u> , 2(3):95-101 (1999)
	Zelenetz et al., "Iodine I 131 Tositumomab for Patients with Transformed Low-Grade Non-Hodgkin's Lymphoma (NHL): Overall Clinical Trial Experience", <u>Blood</u> , 94(10):632a, Abstract 2806 (1999)
	GenBank Accession No. AH003353 dated February 22, 1996
	GenBank Accession No. BC002807 dated July 15, 2006
	GenBank Accession No. M62541 dated July 26, 1993
	GenBank Accession No. P30273 dated June 13, 2006
	GenBank Accession No. M27394 dated July 15, 1993
	GenBank Accession No. M27395 dated February 22, 1996
	GenBank Accession No. NM_010188 dated June 12, 2006
	GenBank Accession No. NM_000569 dated July 16, 2006
	GenBank Accession No. NM 000570 dated July 2, 2006
	GenBank Accession No. Z46222 dated April 18, 2005
	GenBank Accession No. Z46223 dated March 20, 1997
V	Copy of Supplementary Partial European Search Report dated May 22, 2006

EXAMINER	/Q. Janice Li/ (08/28/2007)	DATE CONSIDERED

Date Mailed: July 30, 2007

Sheet 1 of 1

FORM 1449* INFORMATION DISCLOSURE STATEMENT	Docket Number: Application Number: 11669.0150USW1 10/537,963				
IN.	N AN APPLICATION	Applicant: Chan et al.			
(Use s	several sheets if necessary)	Filing Date: March 9, 2006	Group Art Unit: 1633		

	1	U.S	S. PATENT DOCUMEN	TS ·				
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATI		
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	DOCOMENT NO.	DATE COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
	OTHER	OCUMENTS	(Including Author, Title, I	Date. Pertinent I	Pages Etc.)	1 62	NO	
/qjl/			Biology 7:253-265		uges, <i>Lic.</i>)			
/ U II/		"Recent Advances in Transgenic Technology"						
1	Hammer et	al., 1986, <i>Journ</i>	al of Animal Science 63:20	59-278				
	"Genetic E	ngineering of Ma	ammalian Embryos"					
	i	Houdebine, 1994, J. Biotech. 34:269-287						
		"Production of pharmaceutical proteins from transgenic animals"						
	l i	Kappell et al., 1992, Current Opinion in Biotechnology 3:548-553 "Regulating gene expression in transgenic animals"						
		Mullins et al., 1993, Hypertension 22:630-633						
		"Transgenesis in nonmurine species"						
	1	Mullins et al., 1996, Journal of Clinical Investment 98:S37-S40						
	i ,	"Perspectives Series: Molecular Medicine in Genetically Engineered Animals:						
		Transgenesis in the Rat and Larger Mammals"						
	i i	Niemann, 1998, Transgenic Research 7:73-75 "Transgenic farm animals get off the ground"						
	 	Sigmund, 2000, Arterioscler Thromb. Vasc. Boil. 20:1425-1429						
	1	"Viewpoint: Are Studies in Genetically Altered Mice Out of Control?"						
	Wall, 1996	Wall, 1996, Theriogenology 45:57-68						
	"Transgeni	Livestock: Pro	gress and Prospects for th	e Future"	•			
		Wall, 1997, Journal of Dairy Science 80(9):2213-2224 "Transgenic Dairy Cattle: Genetic Engineering on a Large Scale"						
	·			_arge Scale"			·	
W	1	03, Cloning Sten Dolly—Her Life	n Cell 5(2):99-100					

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EXAMINER /Q. Janice Li/ (08/28/2007) DATE CONSIDERED